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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Lin Zhi et al.  
 Serial No. : 10/080,926  
 Filed : February 22, 2002  
 Conf. No. : 7786  
 Title : TRICYCLIC ANDROGEN RECEPTOR MODULATOR COMPOUNDS AND METHODS

Art Unit : 1625  
 Examiner : Evelyn Huang  
 Cust. No. : 20985

**Mail Stop Amendment**  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

Dear Sir:

Transmitted herewith are a Supplemental Information Disclosure Statement and Forms PTO-1449 (2 pages), and cited non U.S. Patent references for filing in connection with the above-identified application. Because this Supplemental Information Disclosure Statement is filed prior to receipt of a first Office Action on the merits of the Request for Continued Examination of the above-captioned application, no fee is due. However, should it be determined that a fee for filing these papers is required, the Commissioner is authorized to charge Deposit Account No. 06-1050, as stated below:

☒ The Commissioner is hereby authorized to charge any fees that may be due in connection with this paper or with this application during its entire pendency to Deposit Account No. 06-1050. A duplicate of this sheet is enclosed.

Respectfully submitted,

Stephanie Seidman  
 Reg. No. 33,779

Attorney Docket No. 18202-017001/1081  
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**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**  
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 Date of Deposit February 24, 2005  
 I hereby certify that this paper is being deposited with the United States Postal "Express Mail Post Office to Addressee" Service under 37 CFR §1.10 on the date indicated above and is addressed to: Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA, 22313-1450.

Stephanie L. Seidman



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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN  
ACCORDANCE WITH 37 C.F.R. §§ 1.97-1.98**

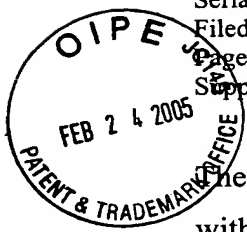
This Supplemental Information Disclosure Statement is filed prior to receipt of a first Office Action on the merits of the Request for Continued Examination of the above-captioned application. Thus, a fee for filing this statement should not be due. If, however, it is determined that a fee is due, any fees that may be due in connection with filing this paper may be charged to Deposit Account No. 06-1050.

In accordance with the duty of disclosure imposed by 37 C.F.R. §1.56 to inform the Patent Office of all references known by Applicant or Applicant's representative that may be material to the examination of the subject application, Applicant's representative hereby provides this Information Disclosure Statement that is prepared in accordance with 37 C.F.R. §§1.97-1.98. Forms PTO-1449 (2 pages) and copies of the cited non U.S. Patent documents are provided herewith.

With the exception of items AQ, AR, and BF, the documents cited on the Form PTO-1449 are in the English language. German Patent Application No. DE 2427409 (item AQ), which is in the German language, is provided with an English language equivalent, US Patent No. 3,919,238 (item AB). Japanese Patent Application No. 50-25595 (item AR), which is in the Japanese language, is provided with an English language abstract (item AZ).

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Stephanie L. Seidman



The publication by Lancelot et al. (item BF), which is in the French language, is provided with an English language abstract on the first page of the article. Hence, in accordance with the requirements of 37 C.F.R. §1.98, as amended effective March 16, 1992, no further explanation of the listed items is necessary.

Applicant also makes known to the Examiner the following pending U.S. and International Applications that have one or more common inventors and/or are commonly owned:

<u>Docket No.</u>	<u>U.S.S.N.</u>	<u>Filed</u>	<u>Publ. No.</u>
007002/1033B	09/277,405	03/26/99	n/a
033001/1051	09/463,542	01/21/00	n/a
015002/1073B	10/299,209	11/18/02	20030130505
018001/1082	10/080,503	02/22/02	20020183314
051001/1814	10/211,969	08/01/02	n/a
013002/1062B	10/238,363	09/09/02	20030186970
005003/1028C	10/360,580	02/05/03	20040019072
020001/1088	10/684,229	10/10/03	20040152718
057001/1091	10/684,227	10/10/03	20040147530
003014/1014N	10/739,933	12/17/03	20040186132
002007/1002F	08/141,246	10/22/93	n/a
002009/1002H	08/141,496	10/22/93	n/a
004002/1026B	08/484,487	06/07/95	n/a
004003/1026C	10/847,732	05/17/04	2004-0209839
035002/1059B	10/229,649	08/27/02	2003-0013766
048001/1087	10/684,212	10/10/03	2004-0152717

<u>Docket No.</u>	<u>Intl. No.</u>	<u>Filed</u>	<u>Publ. No.</u>
057WO1/1091PC	PCT/US03/24416	08/04/03	WO2004/033459
020WO1/1088PC	PCT/US03/24419	08/04/03	WO2004/033460
048WO1/1087PC	PCT/US03/24420	08/04/03	WO2004/033461
022WO1/1096PC	PCT/US04/022907	07/16/04	Awaiting
023WO1/1097PC	PCT/US04/023788	07/16/04	WO 2005/009104
024WO1/1098PC	PCT/US04/023093	07/16/04	Awaiting
026WO1/1100PC	PCT/US04/023010	07/16/04	WO 2005/010202
030WO1/1111PC	PCT/US04/027483	08/23/04	Awaiting

Although these documents are made known to the Patent and Trademark Office in compliance with Applicant's duty of disclosure, such disclosure is not to be construed as an admission by Applicant or Applicant's representative that any of the references, singly or in any combination thereof, is effective as prior art against the subject application. In accordance with 37 C.F.R. §1.97(h), the filing of this Information Disclosure Statement shall

Applicant : Lin Zhi et al.  
Serial No. : 10/080,926  
Filed : February 22, 2002  
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Attorney's Docket No.: 18202-017001 / 1081

Supplemental Information Disclosure Statement

not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(b) exists.

Applicant respectfully requests that the Examiner review the foregoing references and they be made of record in the file history of the above-captioned application.

Respectfully submitted,

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Stephanie Seidman  
Reg. No. 33,779

Attorney Docket No. 18202-017001 / 1081

**Address all correspondence to:**

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Sheet 1 of 2

<b>Substitute Form PTO-1449</b> (Modified)	<b>U.S. Department of Commerce</b> <b>Patent and Trademark Office</b>	<b>Attorney's Docket No.</b> 18202-017001/1081	<b>Application No.</b> 10/080,926
		<b>Applicant</b> Lin Zhi et al.	
		<b>Filing Date</b> February 22, 2002	<b>Group Art Unit</b> 1625

**List of Patents and Publications for Applicant's Information Disclosure Statement**

(37 CFR §1.98(b))

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	2002/0183314	12/05/02	Higuchi et al.	514	224.5	02/22/02
	AB	3,919,238	11/11/75	Spencer et al.	260	288	06/06/73
	AC	4,460,475	07/17/84	Hayatsu et al.	210	674	03/25/83
	AD	4,623,638	11/18/86	Hayatsu et al.	502	401	03/21/85
	AE	4,777,052	10/11/88	Weisburger et al.	426	92	01/06/87
	AF	4,981,784	01/01/91	Evans et al.	435	6	11/30/88
	AG	5,011,697	04/30/91	Jones et al.	426	92	08/06/88
	AH	5,071,773	12/10/91	Evans et al.	436	501	10/20/87
	AI	5,179,202	01/12/93	Gross	536	120	11/16/90
	AJ	6,017,924	01/25/00	Edwards et al.	514	292	08/12/99
	AK	6,030,967	02/29/00	Marui et al.	514	215	10/30/97
	AL	6,180,794	01/30/01	Edwards et al.	546	152	10/15/99
	AM	6,340,704	01/22/02	Marui et al.	514	463	10/25/99

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AN	0 638 571	04/28/93	EP, A1				
	AO	02/066475	08/29/02	PCT				
	AP	02/068427	09/06/02	PCT				
	AQ	24 27 409	01/09/75	DE (DT), A1				X*
	AR	50-25595	03/18/75	JP				X*

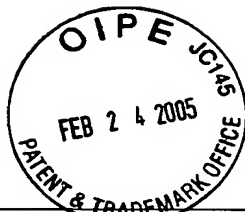
**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AS	Berger et al., "Interaction of glucocorticoid analogues with the human glucocorticoid receptor," J. Steroid Biochemistry and Molecular Biology 41(3-8): 733-738 (1992)
	AT	Bolognese et al., "Photochemistry of Ommochrome Pigments," J. Heterocyclic Chem. 25: 1243-1246 (1988)
	AU	Bolognese et al., "Oxidation of 3-Hydroxykynurenine. A Reexamination," J. Heterocyclic Chem. 25: 1247-1250 (1988)

Examiner Signature

Date Considered

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 2 of 2

Substitute Form PTO-1449 (Modified)  <b>List of Patents and Publications for Applicant's Information Disclosure Statement</b>  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 18202-017001/1081	Application No. 10/080,926
	Applicant Lin Zhi et al.		
	Filing Date February 22, 2002	Group Art Unit 1625	

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AV	Bolognese et al., "Photochemistry of Ommochromes and Related Compounds," J. Heterocyclic Chem. 25: 979-983 (1988)
	AW	Boyer, M., "The management of prostate cancer," Aust. Prescr. 19:22-24 (1996) <a href="http://www.australianprescriber.com/magazines/vol19no1/ap19-1-11.htm">http://www.australianprescriber.com/magazines/vol19no1/ap19-1-11.htm</a> (accessed on 01/28/2005)
	AX	Castillo, P. and J.C. Rodriguez-Ubis, "A high-yield method for the methylenation of <i>o</i> -dihydroxyaromatic compounds: synthesis of methylenedioxycoumarins," Synthesis pp. 839-840 (1986)
	AY	Chemical Abstracts vol. 54, no.8821, (1960) Mustafa et al., "Photochemical reaction in sunlight. Experiments with benzo[k]quinoline-5,6-quinone, monoamine and monoxmine derivatives in sunlight and in dark," J. A. Chem. Soc. 81:3409-3413 (1959)
	AZ	Chemical Abstracts vol. 83, no.179036, page 577 (1975) JP 50-25595 published 03/18/75, entitled "9-Halothiazoloquinolines"
	BA	Claman et al., "SOGC clinical practice guidelines. Hirsutism: evaluation and treatment," J Obstet Gynaecol Can. 24(1):62-7 (2002)
	BB	Debenedetti et al., "Isopurasol, a coumarin from <i>Pterocaulon virgatum</i> ," Phytochemistry 51: 701-703 (1999)
	BC	Ishii et al., "Formation of Hydroxanthommatin-Derived Radical in the Oxidation of 3-Hydroxykynurenine," Archives of Biochemistry and Biophysics 294(2): 616-622 (1992)
	BD	Kalinin et al., "Directed <i>ortho</i> Metalation - Cross Coupling Links. Carbamoyl Rendition of the Baker-Venkatarman Rearrangement. Reiospecific Route to Substituted 4-Hydroxycoumarins," Tetrahedron Letters 39: 4995-4998 (1998)
	BE	Kawamori et al., "Effects of heterocyclic amines with mammary gland carcinogenic potential on estrogenic response of uterus in ovariectomized rats," Cancer Letters 162: 31-37 (2001)
	BF	Lancelot et al., "Pyrido[2,3- <i>h</i> ]pyrrolo[1,2- <i>a</i> ]quinoxalines," Chem. Pharm. Bull. 31: 3160-3167 (1983) [Article in French, English abstract on first page of article]
	BG	LaMontagne et al., "Antimalarials. 13. 5-Alkoxy Analogues of 4-Methylprimaquine," J. Med. Chem. 25: 964-968 (1982)
	BH	Simenthal et al., "Transcriptional Activation and Nuclear Targeting Signals of the Human Androgen Receptor," The Journal of Biological Chemistry 266(1): 510-518 (1991)
	BI	Singh et al., "Androgen receptor antagonists (antiandrogens): structure-activity relationships," Curr. Med. Chem. 7(2): 211-247 (2000)
	BJ	Willard et al., "Potential Diuretic- $\beta$ -Adrenergic Blocking Agents: Synthesis of 3-[2-[1,1-Dimethylethyl)amino]-1-hydroxyethyl]-1,4-dioxino[2,3- <i>g</i> ]quinolines," J.Org. Chem. 46: 3846-3852 (1981)

Examiner Signature	Date Considered
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	